

# Manhole Inspection Summary

Manhole # S05S\_\_001MH

Printed On: 6/24/2010

Page 1 of 4

**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **05S** Node: **001** Status: **Found**

Insp Date: **2/17/10 11:27 AM**

Incomplete Comments

Crew: **JD RL**  
Inspector: **Chung**  
Firm: **URS**

**Location** Address: **4219 ELDONE RD**

Cross Street: **N/A**

**Manhole** Type: **Junction**

Location: **Woods**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Snow**

Subject To Ponding: **None**

Comments

**Cover**

Shape: **Circular**

Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **2** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☐ Exists

Material:

☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: (in.)

Condition: ☐ Sound ☒ **Cracked** ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☒ **Mortar** ☒ **Roots** ☒ **Wall**

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Partially Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps**

Count: **3** Missing: **0** ☐ Corroded

**Surcharge**

☒ **Evidence Of Surcharge**

Depth: **6** (ft.) ☐ Active Surcharge Present

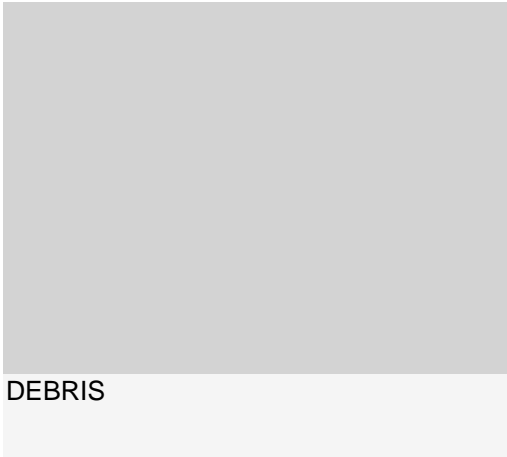
Location View



Top View



Defect 2



DEBRIS

Defect 1



ACTIVE BARREL INFILTRATION  
(RUNNER)

Defect 3



ACTIVE BARREL INFILTRATION  
(DRIPPER)

## Manhole Inspection Summary

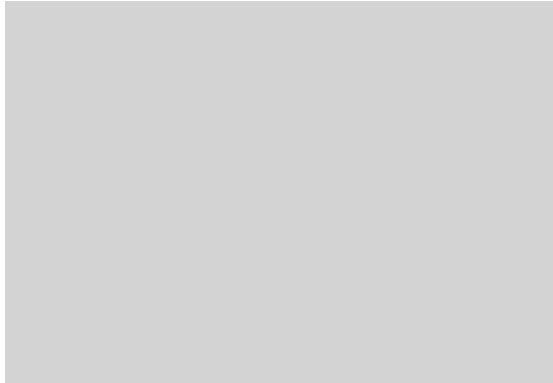
Manhole # S05S\_\_001MH

Printed On: 6/24/2010

Page 3 of 4

15 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



ACTIVE INFILTRATION DRIPPER AT 2  
O'CLOCK ON PIPE SEAL

Pipe Height: **15.6** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.10** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **4** (in.) Deposits Extent: **Medium**

Infiltration: **Dripper** Pipe Seal Cond: **Cracked**

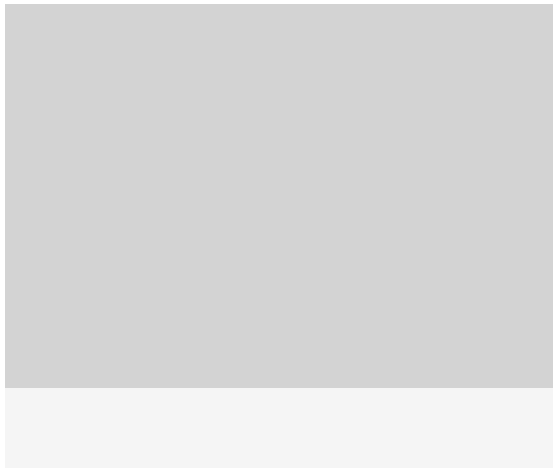
Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

15 in. Circular Gravity Sewer  
Pipe In @ 7 O'Clock

7 O'Clock Inflow



Pipe Height: **15.6** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.80** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **4** (in.) Deposits Extent: **Medium**

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S05S\_\_001MH

Printed On: 6/24/2010

Page 4 of 4

8 in. Circular Gravity Sewer  
Pipe In @ 10 O'Clock

10 O'Clock Inflow



ROOT INFILTRATION AT 9 O'CLOCK ON  
PIPE SEAL, ACTIVE INFILTRATION  
(WEEPER) ABOVE PIPE

Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 7.60 (ft.) Flow Characteristics: Fast

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: Weeper Pipe Seal Cond: Roots

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection